

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Please cancel claims 16, 17, 30, 32, 35, 36, 40, 43, 47 and 50 without prejudice.

Please amend claims 1, 10, 11, 12, 18-22, 25, 26, 33, 41, 46, 48, 49 and 51 as indicated below (material to be inserted is in underline, material to be deleted is in ~~strikeout~~):

Listing of Claims:

1. (Currently Amended) A display comprising:
a plurality of display elements capable of controlling light within a visible-light spectrum, the display elements being arranged over a display surface of the display;
and
~~one or more~~ a plurality of receivers arranged with the display elements over the display surface, the one or more receivers being coupled with the display elements and adapted to receive transmitted image information and activate the display elements in response to, and in correspondence with, the image information.
2. (Original) The display of claim 1, wherein the display elements include red, green and blue display components arranged so as to cooperate in producing light within the visible-light spectrum.
3. (Original) The display of claim 2, wherein the display elements further include at least one of cyan, magenta, yellow, white and black display components, arranged so as to cooperate in producing light within the visible-light spectrum.

4. (Original) The display of claim 1, wherein the display elements include emissive components capable of emitting light within the visible-light spectrum.
5. (Original) The display of claim 1, wherein the display elements include reflective components capable of reflecting light within the visible-light spectrum.
6. (Original) The display of claim 1, wherein the display elements include transmissive components configured to regulate transmission of light to the display surface in correspondence with the image information.
7. (Original) The display of claim 4, wherein the transmissive components are liquid crystal devices.
8. (Original) The display of claim 1, wherein the receivers are oriented on the display to receive image information from a side of the display opposite of the display surface.
9. (Original) The display of claim 1, wherein the receivers are oriented on the display to receive image information from a side of the display corresponding with the display surface.
10. (Currently Amended) The display of claim 1, wherein the display elements and the ~~one or more~~ receivers are disposed on a flexible substrate.
11. (Currently Amended) The display of claim 1, wherein the ~~one or more~~ receivers each ~~include~~ includes one or more infrared receiving diodes.
12. (Currently Amended) The display of claim 1, wherein the one or more receivers each includes plural infrared receiving diodes corresponding, respectively, to at least a red emissive component, a green emissive component and a blue emissive component of the display elements.

13. (Original) The display of claim 1, wherein the one or more receivers each include one or more infrared phototransistors.

14. (Original) The display of claim 1, wherein the one or more receivers each include one or more visible-spectrum light-receiving diodes.

15. (Original) The display of claim 1, wherein the one or more receivers include one or more visible-spectrum light phototransistors.

16. (Cancelled)

17. (Cancelled)

18. (Currently Amended) The display of claim 1, wherein the image information ~~includes information corresponding to a color within the visible light spectrum~~ is received as light within the visible-light spectrum, and wherein color of the received light defines the image information.

19. (Currently Amended) The display of claim 1, wherein the image information ~~includes information corresponding to intensity of color within the visible light spectrum~~ is received as light within the visible-light spectrum, and wherein intensity of the received light defines the image information.

20. (Currently Amended) The display of claim 1, wherein the image information is ~~communicated to the receivers as~~ defined by a received pattern of a plurality of infrared frequencies.

21. (Currently Amended) The display of claim 1, wherein the image information is ~~communicated to the receivers as~~ defined by a received pattern of low-intensity visible light frequencies.

22. (Currently Amended) A display cell comprising:
a display element capable of controlling light within a visible-light spectrum;
a receiver in proximity to the display element and configured to optically receive image information associated with an image element to be displayed on the display element; and
interface circuitry coupled with the receiver and the display element, the interface circuitry being configured to convey signals corresponding to the received image information from the receiver to the display element for display.
23. (Original) The display cell of claim 22, wherein the display element includes plural display components, such that the plural display components cooperate in producing light within the visible-light spectrum.
24. (Original) The display cell of claim 23, wherein the plural display components include a red display component, a green display component and a blue display component.
25. (Currently Amended) The display cell of claim 22, wherein the display ~~elements include~~ element includes emissive components capable of emitting light within the visible-light spectrum.
26. (Currently Amended) The display cell of claim 22, wherein the display ~~elements include~~ element includes reflective components capable of reflecting light within the visible-light spectrum.
27. (Original) The display cell of claim 22, wherein the display element includes a transmissive component configured to regulate transmission of light in correspondence with the image information.

28. (Original) The display cell of claim 22, wherein the receiver is an infrared receiver.

29. (Original) The display cell of claim 22, wherein the receiver is a visible-light receiver.

30. (Cancelled)

31. (Currently Amended) The display cell of claim 22, wherein the interface circuitry includes decode circuitry configured to convert the received image information into signals corresponding to a color within the visible-light spectrum to be displayed by the display element.

32. (Cancelled)

33. (Currently Amended) A display system comprising:
an optically-addressed display including a plurality of display elements adapted to control light within a visible-light spectrum, and a plurality of receivers distributed over the display with the display elements and coupled with the display elements, the receivers being configured to optically receive image information; and
a projector configured to project the image information onto the display, wherein the projector optically addresses the plurality of display elements via the receivers.

34. (Original) The display system of claim 33, wherein the display elements each contain plural display components, each display component being associated with a receiver of the plurality of receivers, the plural display components being arranged so as to cooperate in producing light within the visible-light spectrum.

35. (Cancelled)

36. (Cancelled) The display system of claim 35, wherein the beam projector is an infrared-beam projector configured to project a plurality of infrared frequencies and the receivers are infrared receivers configured to receive one or more of such infrared frequencies.

37. (Original) The display system of claim 33, wherein the projector is configured to contemporaneously project information of a complete image to be displayed.

38. (Original) The display system of claim 37, wherein the information of the complete image is projected using one of a plurality of infrared frequencies and pulse duty cycle modulated infrared light, and the receivers are infrared receivers configured to receive such infrared frequencies.

39. (Original) The display system of claim 37, wherein the information of the complete image is projected using low-intensity visible light and the receivers are visible-light receivers.

40. (Cancelled)

41. (Currently Amended) A method for displaying images comprising:

optically addressing a plurality of display elements ~~disposed on~~ cells distributed across a display surface by projecting image information associated with an image to be displayed, the display elements ~~being~~ cells each including one or more receiver capable of optically receiving projected image information and one or more display element capable of controlling light within a visible-light spectrum;

receiving the image information on a surface of the display;

converting the image information into signals corresponding to colors and intensities associated with portions of the image to be displayed; and

displaying the image via the plurality of display elements.

42. (Original) The method of claim 41, wherein the image information is projected on a surface of the display that is opposite the display surface.

43. (Cancelled)

44. (Original) The method of claim 41, wherein receiving the image information includes receiving a low-intensity visible-spectrum light image.

45. (Original) The method of claim 41, wherein receiving the image information includes receiving infrared signals corresponding to visible-light colors and intensities of the image to be displayed.

46. (Currently Amended) A display comprising:

a plurality of display means for controlling light within a visible-light spectrum, the display means being arranged over a display surface of the display; and

~~one or more~~ a plurality of receiver means arranged with the display means over the display surface, the one or more receiver means being coupled with the display means and adapted to receive transmitted image information and activate the display means in response to, and in correspondence with, the image information.

47. (Cancelled)

48. (Currently Amended) A display system comprising:

an optically-addressed display including a plurality of display means for controlling light within a visible-light spectrum, and a plurality of receiver means for optically receiving image information, the receiver means being distributed over the optically-addressed display with the display means and coupled with the display means; and

a projector means for projecting the image information onto the display means, wherein the projector means optically addresses the plurality of display means via the receiver means.

49. (Currently Amended) A display comprising:

a plurality of display elements capable of controlling light within a visible-light spectrum, the display elements being ~~arranged~~ distributed over a display surface of the display; and

~~one or more~~ a plurality of receivers ~~arranged~~ distributed with the display elements over the display surface, the ~~one or more~~ receivers being coupled with the display elements and adapted to receive transmitted image information and activate the display elements in response to, and in correspondence with, the image information, wherein a first display element is associated with a first receiver and a second display element is associated with a second receiver, the first display element being coupled with the second receiver and the second display element being coupled with the first receiver so as to affect a relative brightness of the first and second display elements with respect to each other.

50. (Cancelled)

51. (Currently Amended) A display system comprising:

an optically-addressed display including a plurality of display elements distributed over the display and adapted to control light within a visual light spectrum, and a plurality of visible-light receivers coupled with the display elements, the receivers being distributed over the display within the display elements and configured to optically receive image information; and

a projector configured to project the image information onto the display, wherein the projector optically addresses the plurality of display elements via the

receivers, the projector being configured to contemporaneously project information of a complete image to be displayed, and the image information is being projected using low-intensity visible-light.